

- ✓ **Modular and future-proof design**
- ✓ **Customisable to customer requirements**
- ✓ **Plug & Play – delivered to site fully assembled**
- ✓ **Robust construction ensures a long service life**
- ✓ **Vandalresistant**
- ✓ **IAC AB tested in accordance with IEC 62271-202**



About Classic Transformer Substations

Priess Classic Transformer Substations are complete power supply solutions developed with a focus on safety, long service life and flexible customisation. The substations are supplied with a prefabricated concrete foundation and can be configured to meet the technical requirements of the project.

Applications

The transformer substations are used for applications including solar parks, EV charging solutions, industry and general power supply.

They are suitable for projects requiring a robust solution with a short installation time and secure access to technical equipment.

Construction

The transformer substations are supplied as standard with a prefabricated concrete foundation with customised openings and cable/pipe entries. The foundation is cast at our own factory in Vinderup.

The exterior is clad with profiled side panels, punched and folded in-house. Doors and ventilation grilles are integrated into the construction and adapted to the required function, access and ventilation.

The roof features a double-roof construction with internal gutters

that channel moisture and condensation away. All models are supplied with a removable roof as standard for easy access during installation and servicing.

Standard Surface Treatment

- Steel: Hot-dip galvanised in accordance with DS/EN 1461
- Sides and roof: Zinc-magnesium sheet in accordance with DS/EN 10364
- External coating: C4-H in accordance with DS/EN 12944

Ventilation

- Natural ventilation through the side panels and roof

Colour

- Standard colour: Olive Green RAL 6014 (textured paint).

Options

- Forced ventilation with fan and ventilation grilles
- Electrical installations including lighting, sockets, alarms, etc.
- Gutters & windows
- External cladding, e.g. timber. See the Cladding and Roof Solutions brochure for available optionsfor available options
- Pitched roof
- Custom RAL colour

Technical Data – Classic Transformer Substations

Classic Transformer Substations	200 kVA	630 kVA	1000 kVA
Rated voltage	12/24 kV	12/24 kV	12/24 kV
Short-circuit level	20 kA, 1s	20 kA, 1s	20 kA, 1s
External dimensions (mm)			
Length (A)	2328	2728	2728
External dimensions (mm)			
Width (B)	1932	2332	2332
External dimensions (mm)			
Height (C)	2678	2678	2878
HV compartment	up to 4 panels	up to 4 panels	up to 5 panels
LV compartment	14 modules	16 modules	14 modules
Standard IP rating	IP23D	IP23D	IP23D
IAC AB 62271–202	x	x	x
DSO ready	x	x	x
Rated busbar current	1000A	1000A	1600A
LV switchboard	35 kA, 1s	35 kA, 1s	50 kA, 1s
Standard options			
RAL colour	x	x	x
Corrosion class C5	x	x	x
Timber cladding	x	x	x
Sedum roof	x	x	x

